

U.S. APPLICATION NO. (If known, see 37 C.F.R.1.5)

**09/446681**

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/GB98/01893	29 June 1998 (29.06.98)	27 June 1997 (27.06.97)

**TITLE OF INVENTION**  
BIOSENSOR MATERIALS AND METHODS.

**APPLICANT(S) FOR DO/EO/US**  
ARCHER, John Anthony Charles et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4.  A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  has been transmitted by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US)
6.  A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  have been transmitted by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.  A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11. to 16. below concern other document(s) or information included:**

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A **FIRST** preliminary amendment.  
 A **SECOND** or **SUBSEQUENT** preliminary amendment.
14.  A substitute specification.
15.  A change of power of attorney and/or address letter.
16.  Other items or information:
  1. Certificate of Express Mailing By Express Mail Under 37 CFR 1.10

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ATTORNEY'S DOCKET NUMBER

17.  The following fees are submitted:

Basic National Fee (37 CFR 1.492(a)(1)-(5)):

Search Report has been prepared by the EPO or JPO..... \$830.00

International preliminary examination fee paid to USPTO (37 CFR 1.482)  
..... \$640.00No international preliminary examination fee paid to USPTO (37 CFR 1.482)  
but international search fee paid to USPTO (37 CFR 1.445(a)(2)).. \$710.00Neither international preliminary examination fee (37 CFR 1.482) nor  
international search fee (37 CFR 1.445(a)(2)) paid to USPTO..... \$950.00International preliminary examination fee paid to USPTO (37 CFR 1.482)  
and all claims satisfied provisions of PCT Article 33(2)-(4)..... \$90.00

## ENTER APPROPRIATE BASIC FEE AMOUNT =

CALCULATIONS PTO USE ONLY

Surcharge of \$130.00 for furnishing the oath or declaration later than  20  30 months from the earliest claimed priority date (37 CFR 1.492(e)).

\$ 840 00

Claims	Number Filed	Number Extra	Rate
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total claims	49 -20 -	29	X 18.00 \$ 522 00
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Independent Claims	2 -3 -	0	X 78.00 \$ 0 00
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Multiple dependent claims(s) (if applicable)			+ \$230.00 \$ 0 00
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TOTAL OF ABOVE CALCULATIONS = \$ 1492. 00

Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement  
must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).

\$ -

SUBTOTAL = \$ 1492 00

Processing fee of \$130.00 for furnishing the English translation later the  20  30 months from the earliest claimed priority date (37 CFR 1.492(f)).

+ \$ 0 00

TOTAL NATIONAL FEE = \$ 1492 00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be  
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +

\$ 0 00

TOTAL FEES ENCLOSED = \$ 1492 00

Amount to be: refunded	\$
charged	\$

a.  A check in the amount of \$ 1492.00 to cover the above fees is enclosed.b.  Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
overpayment to Deposit Account No. 04-1406. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Patrick J. Hagan, Esq.

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*Patrick J. Hagan*

SIGNATURE

Patrick J. Hagan

NAME

27,643

REGISTRATION NUMBER

09/446681

418 Rec'd PCT/PTO 23 DEC 1999

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**CERTIFICATE OF MAILING  
BY EXPRESS MAIL UNDER 37 CFR §1.10**

NUMBER OF EXPRESS MAIL MAILING LABEL EL421454317US

DATE OF DEPOSIT WITH POSTAL SERVICE December 23, 1999

I hereby certify that this paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. §1.10 on the date indicated above, and is addressed to the COMMISSIONER OF PATENTS AND TRADEMARKS, Washington, D.C. 20231.

Tina M. Doyle  
Typed Name of Person Mailing Paper or Fee

Tina M. Doyle  
Signature of Person Mailing Paper or Fee

Re: International Application No. PCT/GB98/01893  
International Filing Date: 29 June 1998  
Priority Date Claimed: 27 June 1997  
Title: BIOSENSOR MATERIALS AND METHODS"  
Applicant for U.S.: ARCHER, John Anthony Charles et al.

Enclosures:

- Transmittal Letter to the DO/EO/US Concerning a Filing Under 35 USC 371
- Preliminary Amendment
- Copy of annex to the International Preliminary Examination Report (pages 43-47)
- Check for \$1,492.00